

6 August 1952

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SECURITY INFORMATION

FINAL OUTLINE FOR INTRUSION AND INFILTRATION STUDIES

Introduction

General location--simple statement

I. Physical characteristics

A. Terrain

1. Relief

a. General description

b. Traversability

2. Drainage

a. Swamps and marshes

(1) Location and extent

(2) Traversability

b. Rivers and Lakes

(1) Depth

(2) Rate of flow (rivers)

(3) Width

(4) Floodings and low water

(5) Icing

B. Physical description of the boundary

1. Linear description

2. Markers

C. Soils

1. General description

2. Traversability

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D. Climate

1. Seasonal cycle

- a. Beginning and duration of seasons
- b. Rapidity of change

2. Temperature

- a. Seasonal extremes and averages
- b. Diurnal extremes and averages

3. Precipitation

- a. Amount
- b. Seasonal distribution
- c. Characteristics (seasonal and diurnal)
- d. Depth, duration and drifting of snow

4. Wind

- a. Seasonal directions
- b. Seasonal strength and constancy
- c. Dust and sand storms

5. Fog

- a. Seasonal density and duration
- b. Diurnal density and duration

6. Climatic effects

- a. On local transport and communications
- b. On the activities of the native peoples

E. Light Factors

- 1. Duration of daylight
- 2. Phases of the moon
- 3. Aurora borealis

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II. Plant and animal life

A. Flora

1. Types and distribution
2. Seasonal suitability for cover
3. Traversability
4. Edible and toxic varieties
5. Location of foresters' huts
6. Existence of forest swathes

B. Fauna

1. Dangerous animals including pestiferous insects
2. Edible game or fish

III. Peoples

A. Distribution and density

B. Racial and cultural characteristics

1. Ethnic composition
2. Language
3. Religion
4. Dress

C. Movement

1. Customary (including seasonal)
2. Forced (including recency of mass settlement)
3. Restrictions on movement

D. Settlement pattern

1. Location and characteristics of urban centers
 - a. Administrative centers
 - b. Industrial centers
 - c. Others

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2. Distribution of rural settlements
 - a. Nucleated
 - b. Dispersed
3. Types of houses and associated out-buildings (including seasonal structures)
4. Location of labor camps
- E. Health and sanitation
 1. Endemic diseases
 2. Water supply
 3. Sewage disposal

IV. Economic Activity

- A. Location of crop and livestock areas
 1. Traversability
 2. Cover
 3. Availability of food (including seasons of harvest and storage practices)
- B. Location of Industrial Areas

V. Transportation and Communications

- A. Railroads
 1. Location and points connected
 2. Trackage, gauge, and traction
 3. Operating schedules
 - a. Type of train (passenger, freight, express, local)
 - b. Frequency
 - (1) Number of trains per day in either direction
 - (2) Seasonal variations

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c. Speed

(1) Average

(2) Stretches which require reduced speed

d. Stops, stations and check points

4. Freight movement

a. Type and direction

b. Dead-heading

5. Bridges

B. Roads

1. Location and points connected

2. Trafficability

3. Type and density of traffic (including truck count, if available)

4. Check points

5. Interurban bus service

6. Bridges

C. Waterways

1. Location and points connected

2. Type and density of traffic (passenger service?)

3. Check points

4. Location of locks

D. Airfield

1. Location

2. Type

E. Pipelines

1. Location and points connected

2. Pumping stations

3. Existence of patrols (military and maintenance)

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F. Highlines

1. Location

2. Type

a. Telegraph

b. Telephone

c. Power

(1) Kind of current

(2) Location of transformers and booster stations

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APPENDICES

1. An annotated bibliography
2. An evaluation of maps at 1/1M or larger
3. Selected photographs
4. Gazetteer of the 50-(or 20-) mile area, or if available, of the entire area (with the exception of Finland)

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